

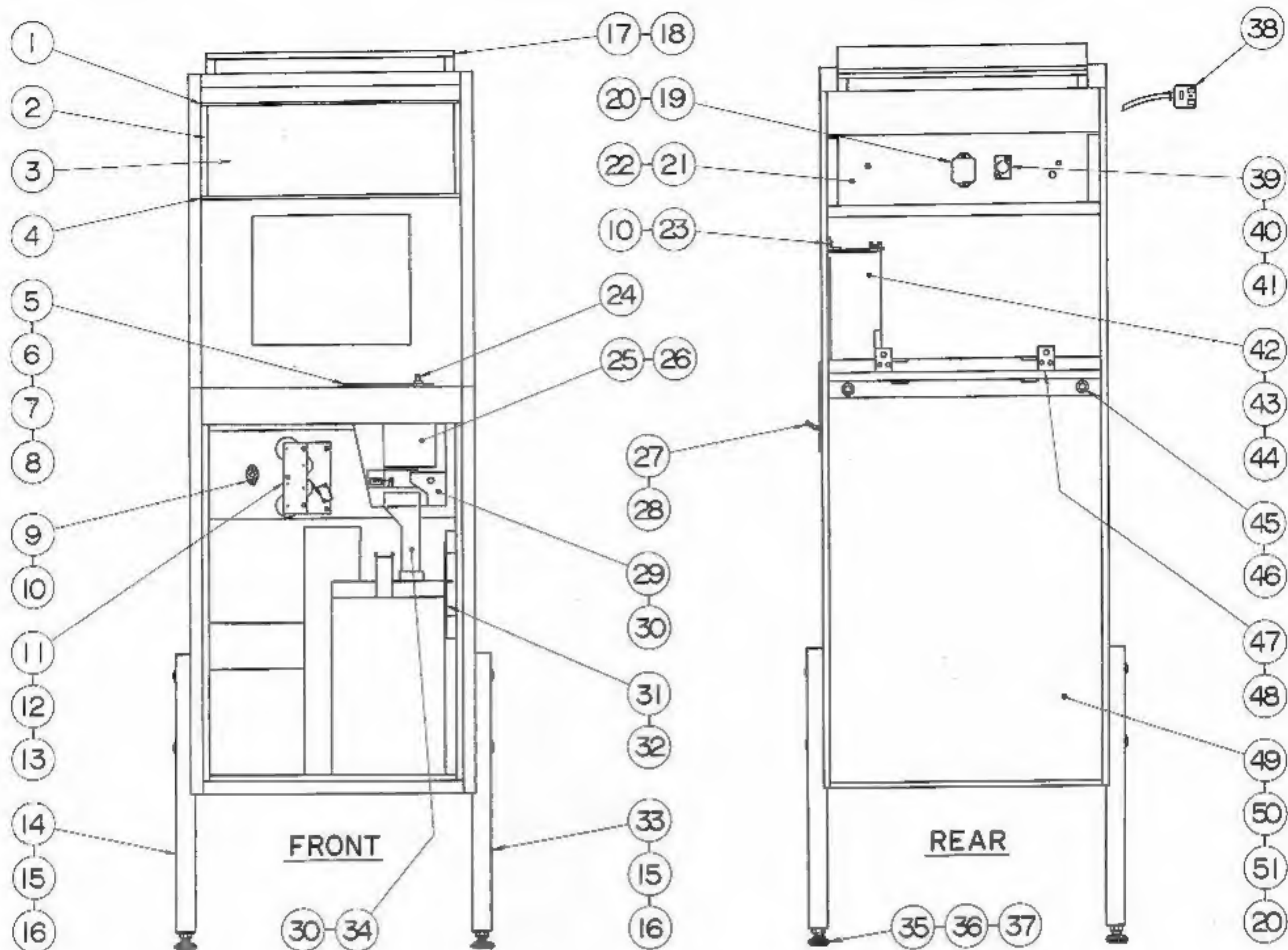
SEGA

# RIFLEMAN

## PARTS CATALOG

**SEGA**

OFFERS YOU THE UNBEATABLE COMBINATION OF QUALITY AND PLAY APPEAL IN AMUSEMENT GAMES



Item	Part No.	Description	Item	Part No.	Description	Item	Part No.	Description
1	RM-1038	Window Sash 459	19	91000	Ballast Coil, 100V 10W, 50%	36	M-163-4	Leg Adjuster
2	RM-1039	Window Sash 158	20	122-004	Wood Screw, R. H. Phill. 3.5×16	37	122-111	Wood Screw, F. H. Phill. 3.1×20
3	RM-1027	Window Glass	21	RM-1013	Fluorescent Light Plate		133-006	Hex. Nut 3/8-16
4	RM-1037	Window Sash	22	122-097	Wood Screw, R. H. Phill. 3.8×32	38	S-91015-2	Plug, 12P
5	RM-1003	Coin Chute Unit Bracket		144-078	Flat Washer M4	39	S-90244	Starter, Fluorescent Bayonet Type, FG-1P
6	RM-1004	Coin Entry Plate, Base	23	RM-1042	Door Assembly	40	S-90264	Socket, Fluorescent, Starter Bayonet Type
7	RM-1005	Denomination Plate, #20	24	RM-1009	Reject Button Assembly	41	122-086	Wood Screw, R. H. Phill. 3.5×20
8	111-288	Carriage Bolt, Chromed M5×32	25	CC-2025	Coin Chute Bracket Assembly Two Coin Type	42	RM-1014	Score Paper Chute
	133-033	Hex. Nut M5	26	111-201	M. Screw, C. H. M4×6	43	RM-1041	Score Paper Holder
	144-105	Flat Washer M5		144-078	Flat Washer M4	44	122-004	Wood Screw, R. H. Phill. 3.5×16
	144-149	Lock Washer, Ext. M5		144-167	Lock Washer, Ext. M4		133-017	Hex. Nut M4
9	S-91348	Switch, Push Button, Baby Type	27	RM-1040	Front Ornament Plate		144-078	Flat Washer M4
10	122-064	Wood Screw, R. H. Phill. 3.1×13	28	111-288	Carriage Bolt, Chromed M5×32		144-167	Lock Washer, Ext. M4
11	RM-1018	Paper Roller Assembly		133-033	Hex. Nut M5	45	S-80367	Rubber Foot 24×10
12	RM-1026	Spacer Tube		144-105	Flat Washer M5	46	122-004	Wood Screw, R. H. Phill. 3.5×16
13	111-499	M. Screw, C. H. M4×50		144-149	Lock Washer, Ext. M5		144-070	Flat Washer M3.5
	133-017	Hex. Nut M4	29	RM-1008	Reject Chute	47	RM-1030	Mechanism Mounting Bracket
	144-078	Flat Washer M4	30	111-467	M. Screw, C. H. M4×5	48	122-024	Wood Screw, R. H. Phill. 3.8×16
14	RM-1001-G	Leg, Right		144-078	Flat Washer M4	49	RM-1001-A	Wooden Cabinet
15	RM-1001-Q	Washer Plate		144-167	Lock Washer, Ext. M4	50	S-90591	Clamp, Cord, Plastic, 5 m/m I.D.
16	133-027	Hex. Nut M10	31	RM-1006	Cash Box Lock Bracket	51	S-90181	Clamp, Cord, Plastic, 8 m/m I.D.
	144-069	Spring Washer M10 (#2)	32	122-065	Wood Screw, F. H. Phill. 3.5×16			
	111-546	Carriage Bolt, Chromed M10×65	33	RM-1001-F	Leg, Left			
17	RM-1001-J	Speaker Cover Plate	34	RM-1007	Lower Coin Chute			
18	122-118	Wood Screw, O. H. Phill. 3.1×16	35	K-106-1	Leg Adjuster-Nut Plate			

M.....Machine

F.....Flat

Hex.....Hexagon

R.....Round

C.....Cheese

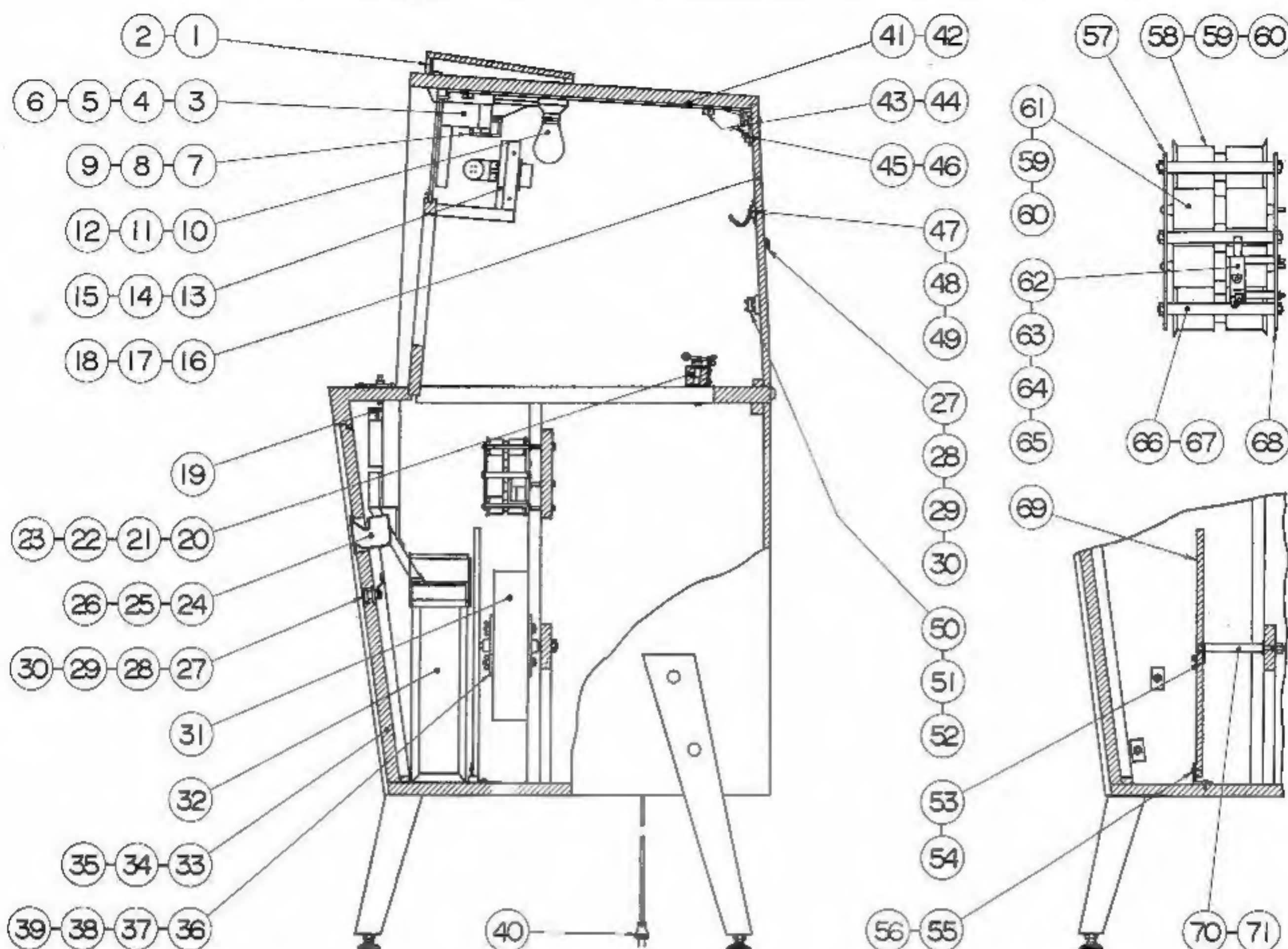
Ext.....External

H.....Head

O.....Oval

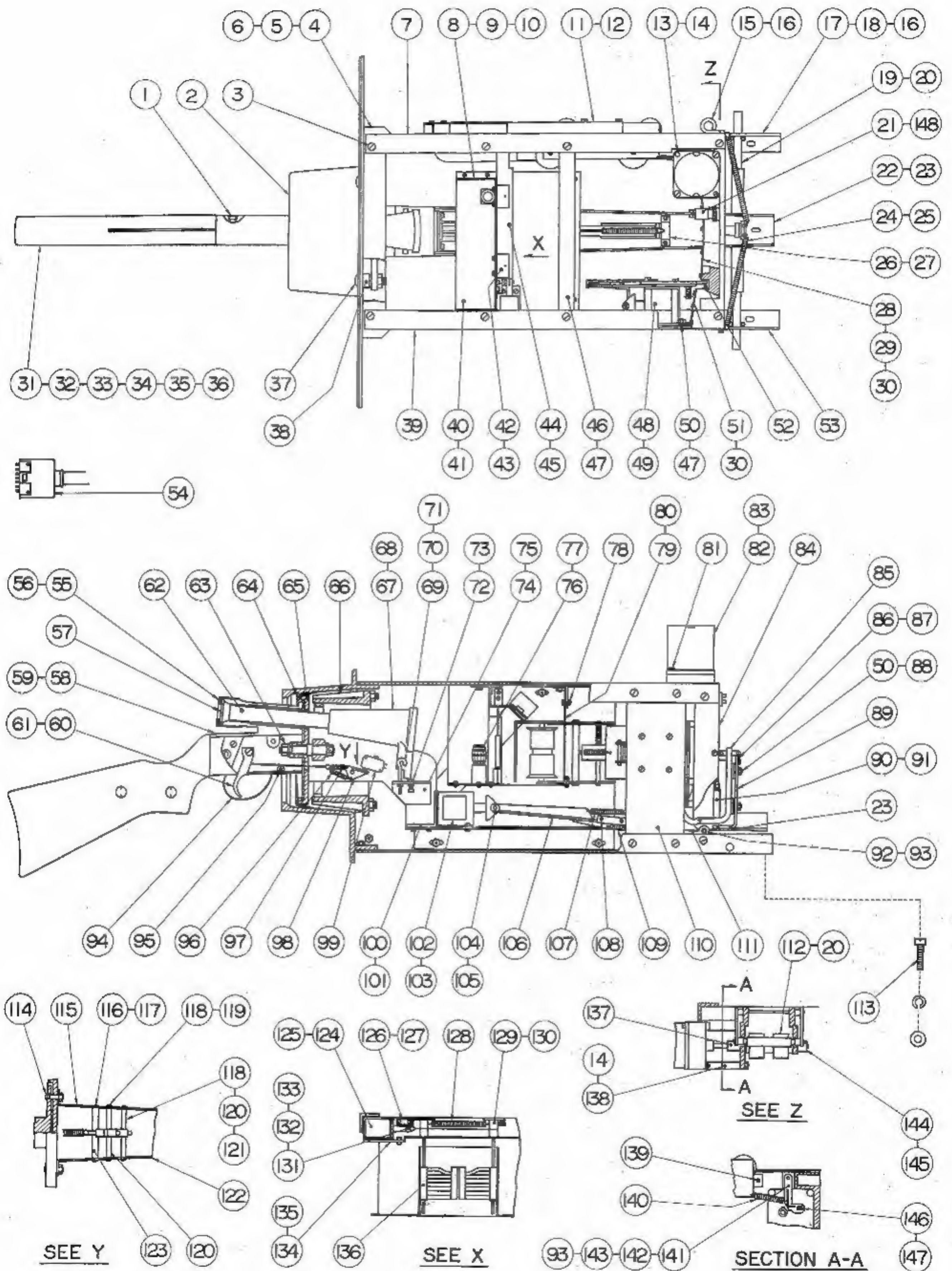
Phill. ....Phillips





Item	Part No.	Description	Item	Part No.	Description	Item	part No.	Description
1	RM-1001-H	Speaker Cover	144-124	Flat Washer, Special		133-033	Hex. Nut M5	
2	122-080	Wood Screw, R. H. Phill. 3.1×16	144-132	Spring Washer M8 (#2)		47	RM-1045	Limit Bracket
3	RM-1033	Light Box Assembly	24	AF-2507	Reject Cup	48	RM-1046	Limit Chain
4	S-90710-1	Socket, Miniature Screw Table Type	25	AF-2508	Retainer Plate	49	122-024	Wood Screw, R. H. Phill. 3.8×16
5	S-91345	Bulb, Miniature Screw Type Transparent 110V, 5W	26	111-197	M. Screw, C. H. M3×14		133-017	Hex. Nut M4
6	122-004	Wood Screw, R. H. Phill. 3.5×16	122-064	Wood Screw, R. H. Phill. 3.1×13		144-078	Flat Washer M4	
7	S-91359	Speaker, 19 cm×12 cm, 8Ω	27	SD-1044	Locking Tongue	144-167	Lock Washer, Ext. M4	
8	S-91360	Speaker, 8.4 cm, 8Ω	28	1AB-10474-1	Ace Cylinder Lock	111-203	M. Screw, C. H. M4×10	
9	122-004	Wood Screw, R. H. Phill. 3.5×16	29	SGJ-1096-3	Lock Retainer Plate	50	RM-1031	Main Switch Bracket
	144-078	Flat Washer M4	30	122-042	Wood Screw, R.H. Phill. 3.1×10	51	S-90834	Switch, Push Button Type
10	S-90473	Lamp Socket, Standard Screw Base Single, Table Type	144-052	Flat Washer, Special 19.5-27×1.6	52	122-064	Wood Screw, R. H. Phill. 3.1×13	
11	S-90151	Bulb, 100V 20W	31	RM-0001	Ticket	53	RM-1001-M	Paper Holder Adjust Plate
12	122-024	Wood Screw, R. H. Phill. 3.8×16	32	RM-1002	Cash Box	54	111-550	M. Screw, F.H. M5×20
13	S-90260	Socket, Fluorescent Light, Spring Type	33	RM-1001-B	Front Door	133-033	Hex. Nut M5	
14	S-90200	Fluorescent Light, 10W	34	RM-1001-D	Hinge, Long	144-105	Flat Washer M5	
15	111-201	M. Screw, C. H. M4×6	35	122-042	Wood Screw, R. H. Phill. 3.1×10	144-149	Lock Washer, Ext. M5	
	133-045	Square Nut M4-8.5×2	122-076	Wood Screw, F. H. Phill. 3.1×10	55	RM-1001-N	Hinge	
	144-078	Flat Washer M4	36	RM-1015	Paper Roll Casting A	56	122-074	Wood Screw, R. H. Phill. 4.1×13
16	RM-1001-C	Back Door	37	RM-1016	Paper Roll Casting B	57	RM-1020	Paper Roller Bracket, B
17	RM-1001-T	Back Door Hinge	38	RM-1017	Spacer Post	58	RM-1021	Roller, A
18	122-004	Wood Screw, R. H. Phill. 3.5×16	39	133-033	Hex. Nut M5	59	RM-1024	Shaft
	122-065	Wood Screw, F. H. Phill. 3.5×16	144-090	Spring Washer M5 (#2)	60	133-080	Push Nut 3m/m	
19	CC-2001	Coin Chute, Rejector Type, 10Yen×1	133-048	Wing Nut M5	61	RM-1022	Roller, B	
20	RM-1012	Mechanism Mounting Bar	40	90998	Cable And Plug Assembly	62	RM-1025	Spacer Tube
21	RM-0002	Mechanism Mounting Screw	41	RM-1028	Glass Holder Bar	63	S-91342	Switch, Micro Type
22	RM-1001-Q	Washer Plate	42	111-309	M. Screw, C. H. M5×18	64	S-91063	Actuator, Micro Switch
23	111-399	Carriage Bolt M8×70	133-033	Hex. Nut M5	65	111-300	M. Screw, C. H. M3×40	
	133-004	Hex. Nut M8	43	RM-1029	Lock Bar Guide Bracket	133-029	Hex. Nut M3	
	133-054	T-Nut M6	44	122-024	Wood Screw, R. H. Phill. 3.8×16	144-057	Flat Washer M3	
	133-082	Wing Nut, w/Single Hole M5	45	RM-1032	Holder Plate	144-088	Spring Washer M3 (#2)	
	144-054	Flat Washer M8	46	111-288	Carriage Bolt, Chromed M5×32	66	RM-1023	Spacer Post
			111-548	Carriage Bolt, M5×20	67	133-033	Hex. Nut M5	
			122-065	Wood Screw, F. H. Phill. 3.5×16	68	144-090	Spring Washer M5 (#2)	
					69	RM-1019	Paper Roller Bracket, A	
					70	RM-1001-K	Paper Holder Plate	
					71	RM-1001-L	Shaft	
						133-004	Hex. Nut M8	
						144-054	Flat Washer M8	
						144-132	Spring Washer M8 (#2)	

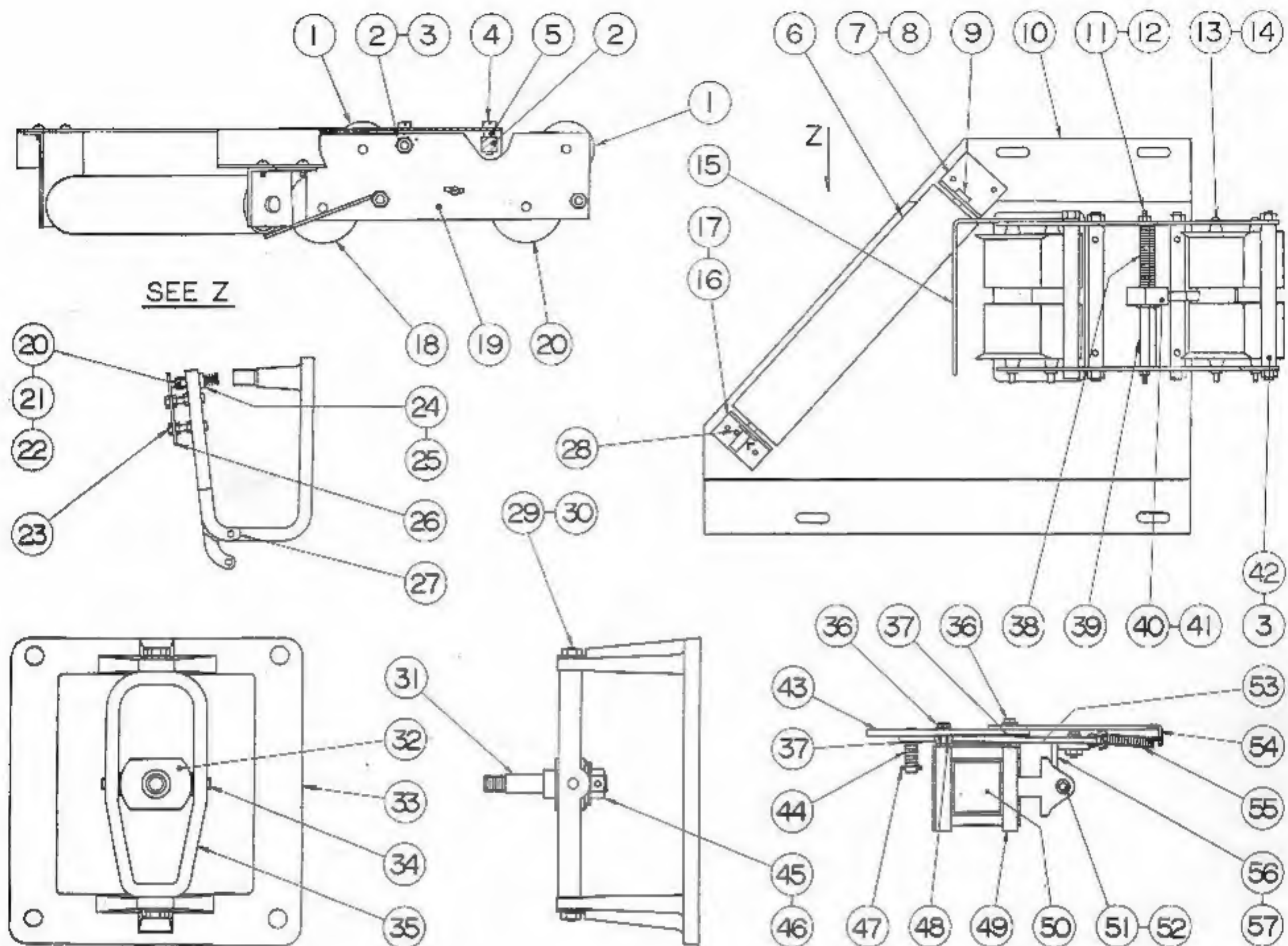






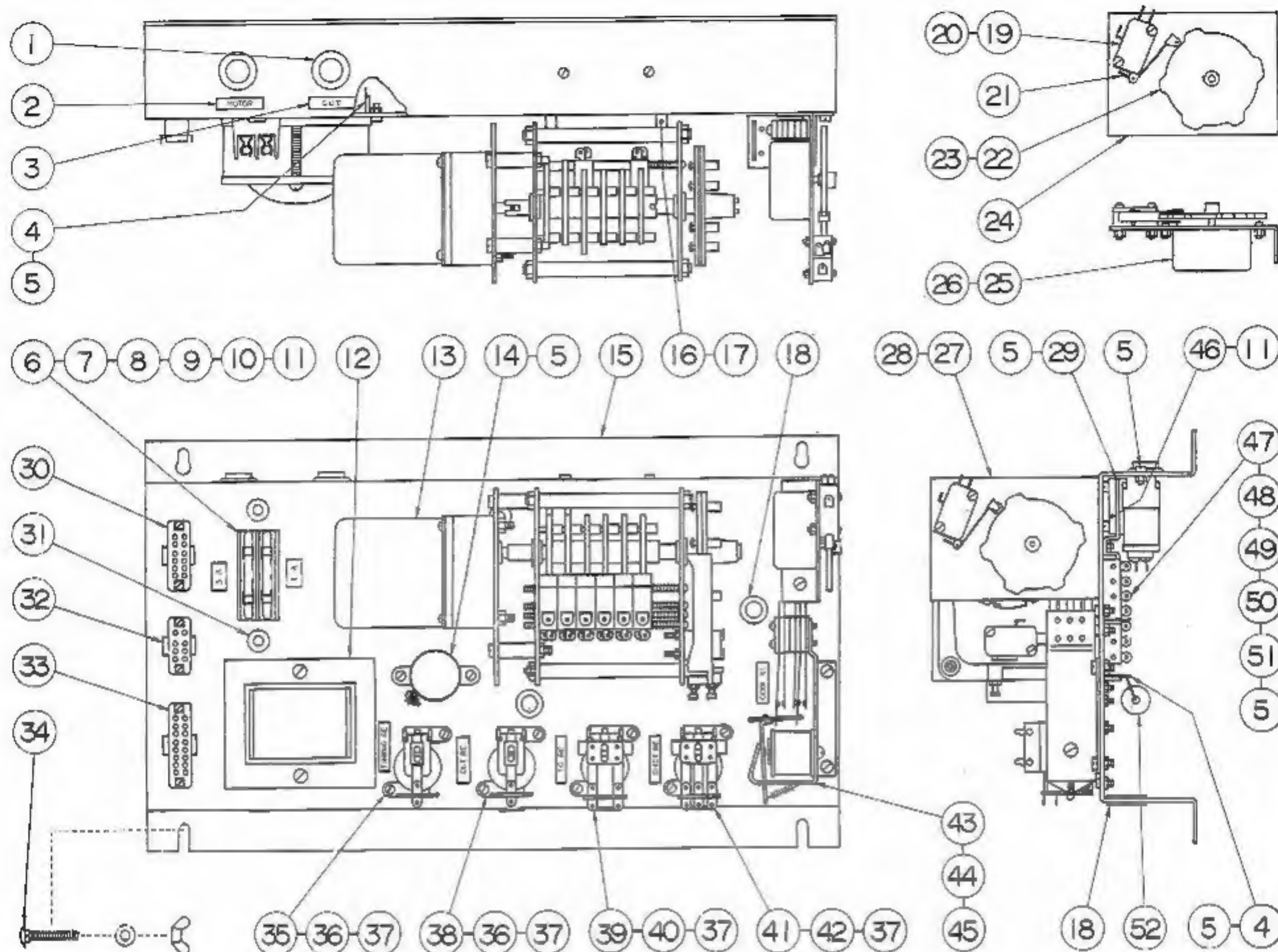
Item	Part No.	Description	Item	Part No.	Description	Item	Part No.	Description
1	111-557	Set Screw, Hex. Socket H. M6×22	48	RM-2098	Cutter Assembly	102	S-91067	Solenoid, 100V, 1.5 Kg
2	RM-2001	Front Casting	49	111-204	M. Screw, C.H. M4×12	103	111-201	M. Screw, C. H. M4×6
3	111-555	M. Screw, F. H. M5×16		144-167	Lock Washer, Ext. M4		111-203	M. Screw, C. H. M4×10
	133-033	Hex. Nut M5	50	RM-2107	Rubber Washer		133-017	Hex. Nut M4
	144-090	Spring Washer M5 (#2)	51	RM-2005	Paper Guide Cover		144-076	Spring Washer M4 (#2)
4	RM-2010	Guide Block	52	RM-2109	Rubber Cushion		144-078	Flat Washer M4
5	RM-2011	Shim Plate	53	RM-2009	Beam Angle, Lower Left	104	RM-2048	Plunger Pin
6	111-309	M. Screw, C.H. M5×18	54	S-90934-2	Plug 16P	105	144-078	Flat Washer M4
	133-033	Hex. Nut M5	55	RM-2023	Finder Cap		155-014	Cotter Pin 1.6×12
7	RM-2006	Beam Angle, Upper Right	56	111-556	M. Screw, O. H. Phill. Chromed M2×5	106	RM-2049	Plunger Link
8	RM-2083	Front Screen Bracket				107	3B3-3809	Payout Slide Spring
9	RM-2084	Front Screen	57	RM-2024	Finder Disc	108	144-093	Flat Washer M2.6
10	166-180	Rivet, R. H. Brass 1.4×3	58	RM-2020	Gun Mount Casting, Right		155-077	Cotter Pin 2.5×25
11	RM-2058	Guide Roller Assembly	59	RM-2021	Gun Mount Casting, Left	109	RM-2051	Extension Spring
12	111-407	M. Screw, F.H. M5×14	60	RM-2025	Trigger And Wire Assembly	110	RM-2097	Cutter Mounting Plate
	133-033	Hex. Nut M5	61	RM-2026	Shoulder Screw	111	RM-2050	Shot Arm Link
	144-090	Spring Washer M5 (#2)	62	80452	Telescopic Sight	112	RM-2076	Feeder Wheel
	144-105	Flat Washer M5	63	133-004	Hex. Nut M8	113	111-497	M. Screw, C. H. M6×35
13	RM-2075	Shoulder Stud, Long		144-132	Spring Washer M8 (#2)		144-053	Flat Washer M6
14	133-033	Hex. Nut M5	64	RM-2022	Rubber Dirt Guard		144-115	Spring Washer M6 (#2)
15	S-90410	Clamp, Cord, Plastic, 10m/m I.D.	65	RM-2019	Gun Mounting Flange	114	111-372	Carriage Bolt M6×28
			66	RM-2012	Universal Joint Assembly		133-003	Hex. Nut M6
16	111-201	M. Screw, C. H. M4×6	67	RM-2110	Sight And Stylus Assembly		144-115	Spring Washer M6 (#2)
17	RM-2007	Beam Angle, Lower Right	68	133-033	Hex. Nut M5	115	RM-2034	Stay, Right
18	S-90591	Clamp, Cord, Plastic, 5 m/m I.D.		111-558	Set Screw, G. H. Special M5×25	116	RM-2038	Actuator Shaft
			69	RM-2044	Eye Bolt	117	144-078	Flat Washer M4
19	RM-2072	Rear Bar	70	RM-2045	Hold Pin		155-014	Cotter Pin 1.6×12
20	155-032	Cotter Pin 3×30 m/m	71	133-017	Hex. Nut M4	118	RM-2040	Micro Switch Adjuster Shaft
21	S-90445-1	Socket, 3P		144-167	Lock Washer, Ext. M4	119	133-029	Hex. Nut M3
22	RM-2035	Shot Mechanism Bracket	72	RM-2043	Telescope Level Adjuster		144-135	Lock Washer, Ext. M3
23	111-554	M. Screw, F.H. M5×6	73	111-272	M. Screw, C. H. M4×16		144-057	Flat Washer M3
24	RM-2056	Tension Limit Chain		133-017	Hex. Nut M4	120	RM-2041	Spacer, Micro Switch
25	111-277	M. Screw, C. H. M4×14	74	RM-2042	Telescope Base	121	133-029	Hex. Nut M3
	133-017	Hex. Nut M4	75	111-201	M. Screw, C. H. M4×6		144-135	Lock Washer, Ext. M3
26	RM-2052	Bumper Assembly		144-167	Lock Washer, Ext. M4	122	RM-2033	Stay, Left
27	111-203	M. Screw, C. H. M4×10	76	RM-2095	Model Barrel	123	RM-2039	Spacer, Actuator
	133-017	Hex. Nut M4	77	111-195	M. Screw, C. H. M3×6	124	S-91352	Solenoid, DC. 24V
	144-167	Lock Washer, Ext. M4	78	111-192	M. Screw, C. H. M3×8	125	111-559	M. Screw, F. H. Brass M3×4
28	RM-2003	Paper Guide, Upper		133-029	Hex. Nut M3	126	RM-2089	Stroke Adjuster
29	RM-2004	Paper Guide, Lower		144-057	Flat Washer M3	127	111-195	M. Screw, C. H. M3×6
30	111-187	M. Screw, C.H. M2×5	79	RM-2094	Back Screen		144-135	Lock Washer, Ext. M3
31	RM-2028	Gun Stock	80	111-191	M. Screw, C. H. M3×12		144-057	Flat Washer M3
32	RM-2029	Gun Stock Plate		133-029	Hex. Nut M3	128	90066	Extension Spring, Reset Hold
33	RM-2030	Gun Stock Fastener, Male, Long		144-057	Flat Washer M3	129	RM-2087	Door Operator
			81	111-285	M. Screw, C. H. M4×35	130	111-195	M. Screw, C. H. M3×6
34	RM-2031	Gun Stock Fastener, Male, Short		144-076	Spring Washer M4 (#2)		155-014	Cotter Pin 1.6×12
				144-078	Flat Washer M4	131	RM-2090	Rope Tie
35	RM-2032	Gun Stock Fastener, Female	82	91333	Motor, 100V, 1/90, 50/60 Cycle w/Condenser	132	RM-2091	Plunger Guide
36	111-407	M. Screw, F. H. M5×14				133	244-051	Nylon Rope, 1φ White
37	111-564	Carriage Bolt, Chromed M8×40	83	155-066	Roll Pin 2.5×1.4	134	RM-2092	Solenoid Base
	133-004	Hex. Nut M8	84	RM-2002	Rear Frame Casting	135	111-203	M. Screw, C. H. M4×10
	144-054	Flat Washer M8	85	RM-2116	Shot Arm Assembly		133-017	Hex. Nut M4
38	RM-2108	Rubber Grommet	86	RM-2055	Chain Connect Hook		144-167	Lock Washer, Ext. M4
39	RM-2008	Beam Angle, Upper Left	87	111-202	M. Screw, C. H. M4×8		144-078	Flat Washer M4
40	RM-2085	Screen Stand Plate	88	111-550	M. Screw, F. H. M5×20	136	RM-2088	Door Model
41	111-195	M. Screw, C. H. M3×6		133-033	Hex. Nut M5	137	RM-2074	Feeder Shaft
	133-029	Hex. Nut M3		144-105	Flat Washer M5	138	RM-2122	Shoulder Stud, Short
42	RM-2086	Door Shaft Retainer Bracket	89	RM-2054	Support Bracket	139	111-195	M. Screw, C. H. M3×6
43	111-192	M. Screw, C. H. M3×8	90	RM-2046	Rear Casting Sash		144-135	Lock Washer, Ext. M3
	133-029	Hex. Nut M3	91	RM-2057	Rear Casting Sash, Side	140	RM-2081	Extension Spring
	144-135	Lock Washer, Ext. M3	92	RM-2053	Joint Pin	141	RM-2078	Roller Arm, Lower
44	RM-2082	Door And Coil Mounting Bracket	93	144-092	E. Washer 2.3 m/m	142	RM-2079	Roller Arm, Upper
			94	RM-2027	Trigger Case	143	RM-2073	Roller Arm, Shaft
45	111-407	M. Screw, F. H. M5×14	95	111-191	M. Screw, C.H. M3×12	144	RM-2077	Cam
	133-033	Hex. Nut M5	96	5B-7649	Extension Spring, 20 Payout	145	111-312	Set Screw, C. H., Special M3×6.5
	144-090	Spring Washer M5 (#2)	97	RM-2037	Length Adjuster Spring			
46	RM-2093	Back Screen Hanger	98	RM-2036	Actuator	146	RM-2080	Guide Roller
47	111-407	M. Screw, F. H. M5×14	99	S-91342	Switch, Micro Type	147	144-102	E. Washer 4 m/m
	133-033	Hex. Nut M5	100	RM-2047	Solenoid Mounting Bracket	148	S-90445-2	Plug, 3P
	144-105	Flat Washer M5	101	111-308	M. Screw, C. H. M5×8			
				144-090	Spring Washer M5 (#2)			





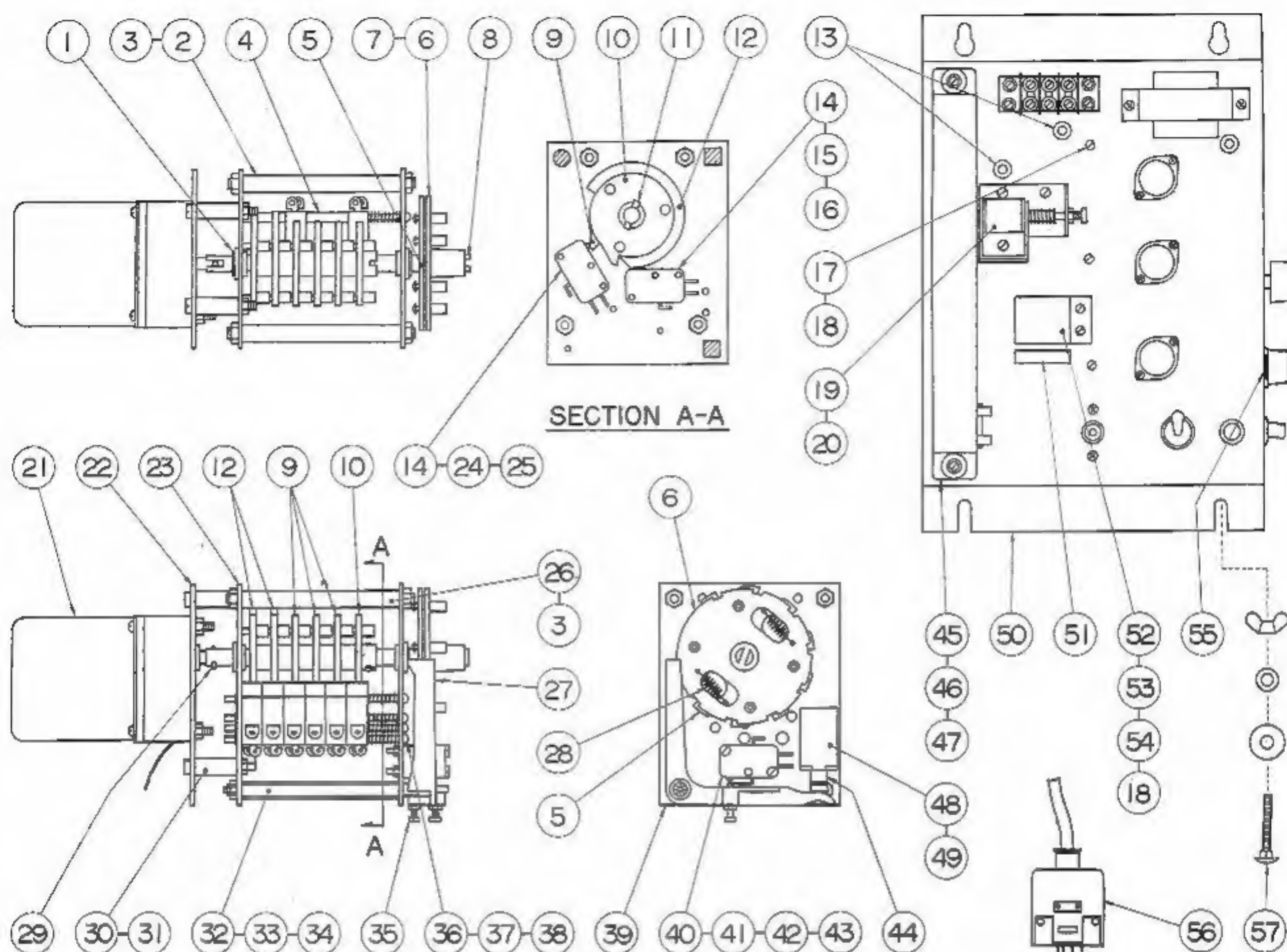
Item	Part No.	Description	Item	Part No.	Description	Item	Part No.	Description
1	RM-1022	Paper Roller, B	20	RM-2120	Shot Pin	39	RM-2063	Spacer, Micro Switch
2	RM-2061	Spacer Post, w/Tap	21	RM-2121	Pin Holder	40	RM-2065	Switch Actuator
3	133-033	Hex. Nut M5	22	144-208	Flat Washer M1.7	41	S-91343	Switch, Micro Type
4	144-149	Lock Washer, Ext. M5	23	111-200	M. Screw, C. H. M3×20	42	RM-1023	Spacer Post
5	111-272	M. Screw, C. H. M4×16	24	133-029	Hex. Nut M3	43	RM-2099	Cutter Base Assembly
6	144-167	Lock Washer, Ext. M4	25	RM-2118	Cone Spring Assembly	44	RM-2105	Compression Spring
7	144-078	Flat Washer M4	26	133-081	Hex. Nut M3.5 P=0.35	45	RM-2017	Hex. Stopper
8	RM-2071	Spacer	27	144-207	Wave Washer M5	46	155-075	Roll Pin 4×14
9	RM-2068	Guide Roller	28	RM-2119	Pin End Retainer	47	144-026	Flat Washer, Special 13.5-22.2×0.5
10	RM-2066	Roller Bracket, Upper	29	RM-2117	Shot Arm Assembly, w/o Pin	48	144-099	Flat Washer, Small Type M6
11	111-195	M. Screw, C. H. M3×6	30	144-105	Flat Washer M5	49	155-014	Cotter Pin 1.6×12
12	144-135	Lock Washer, Ext. M3	31	155-014	Cotter Pin 1.6×12	50	RM-2104	Spacer
13	RM-2069	Guide Roller Shaft	32	RM-2018	Pivot Screw	51	RM-2103	Spacer Post
14	RM-2059	Roller Cover Bracket	33	133-036	Hex. Nut M5 (#3)	52	S-91067	Solenoid, 100V, 1.5 Kg
15	RM-2062	Micro Switch Shaft, Guide Roller	34	RM-2016	Pivot Shaft	53	RM-2048	Plunger Pin
16	133-002	Hex. Nut M2.6	35	RM-2015	Universal Joint Mounting, Inner	54	144-095	Flat Washer, Small Type M4
17	144-093	Flat Washer M2.6	36	RM-2013	Universal Joint Mounting, Frame	55	155-014	Cotter Pin 1.6×12
18	RM-1024	Shaft	37	144-105	Flat Washer M5	56	RM-2100	Cutter Blade
19	133-080	Push Nut 3m/m	38	155-063	Straight Pin 5×20 (M6)	57	RM-2102	Spring Bracket
	RM-2070	Paper Guide Wire		RM-2014	Universal Joint Journal, Outer		RM-2106	Extension Spring
	RM-2067	Roller Bracket, Lower		111-205	M. Screw, C. H. M4×20		RM-2101	Plunger Bracket
	111-195	M. Screw, C. H. M3×6		144-167	Lock Washer, Ext. M4		111-204	M. Screw, C. H. M4×12
	144-135	Lock Washer, Ext. M3		144-179	Flat Washer, Special 6.1-11×0.6		144-167	Lock Washer, Ext. M4
	144-057	Flat Washer M3		RM-2064	Compression Spring		133-039	Hex. Nut M4 (#3)
	RM-1021	Paper Roller, A						
	RM-2060	Main Plate						





Item	Part No.	Description	Item	Part No.	Description	Item	Part No.	Description
1	S-91206	Switch, Push Button, Baby Type	19	S-91343	Switch, Micro Type		133-082	Wing Nut, w/Single Hole M5
2	80435	Sticker, Motor	20	111-199	M. Screw, C.H. M3×18		144-013	Flat Washer, Special 5.6-12.7×1.2
3	80434	Sticker, Cut		133-029	Hex. Nut M3	35	80473	Sticker, Timing Relay
4	S-90863	Terminal Plate, 1L 5P		144-057	Flat Washer M3	36	S-91340	Cut Relay
5	111-192	M. Screw, C.H. M3×8	21	S-91354	Actuator, Micro Switch	37	111-192	M. Screw, C. H. M3×8
	133-029	Hex. Nut M3	22	RM-3026	Cam Timing Motor 7 Shot		133-029	Hex. Nut M3
	144-135	Lock Washer, Ext. M3	23	111-174	Set Screw, Hex. Socket, Cup Point M3×4		144-057	Flat Washer M3
6	80423	Sticker, 1 Ampere					144-135	Lock Washer, Ext. M3
7	80425	Sticker, 3 Ampere	24	RM-3022	Timing Motor Bracket	38	80451	Sticker, Cut Relay
8	S-90711	Fuse, 3 Ampere, Japanese Size 6.4φ×30	25	S-91353	Timing Motor, 100V, 50 Cycle, 4 RPM, C. W.	39	80450	Sticker, T. C. Relay
9	S-91288	Fuse Holder, 2P High Grade	26	111-192	M. Screw, C.H. M3×8	40	S-91339	Target Control Relay
10	S-90645	Fuse, 1 Ampere, Japanese Size 6.4φ×30		133-029	Hex. Nut M3	41	80449	Sticker, Shot Relay
11	111-198	M. Screw, C. H. M3×16		144-057	Flat Washer M3	42	S-91338	Shot Relay
	133-029	Hex. Nut M3		144-135	Lock Washer, Ext. M3	43	RM-3020	Coin Relay Assembly
	144-135	Lock Washer, Ext. M3	27	RM-3021	Timing Motor Assembly	44	80448	Sticker, Coin Relay
12	91337	Power Transformer, 90~100-6, 27, 28V, 1A	28	111-192	M. Screw, C. H. M3×8	45	111-203	M. Screw, C. H. M4×10
13	RM-3002	Cam Unit Assembly		133-017	Hex. Nut M4		133-017	Hex. Nut M4
14	S-90490	Condenser, 500 MF, 50W.V. Electrolytic Can (25.4φ×60ℓ)		144-167	Lock Washer, Ext. M4		144-167	Lock Washer, Ext. M4
15	RM-3001	Cam Motor Unit Base	29	LB-8012	Mounting Bracket, Silicon Diode	46	S-90862	Rectifier, Silicon Diode
16	RM-3019	Spacer Tube	30	S-91015-1	Socket, 12P	47	S-91016	Terminal Plate, 1L 7P
17	111-272	M. Screw, C. H. M4×16	31	S-91020	Rubber Grommet 5φ×8φ×4.5	48	S-91314	Rectifier, Silicon Diode
	144-078	Flat Washer M4				49	S-91364	Condenser, 0.1 MFD. 400 W.V. Oil Tubular
	144-167	Lock Washer, Ext. M4	32	S-90935-1	Socket, 8P	50	S-93163	Condenser, 0.05 MFD. 400 W.V. Oil Tubular
18	S-90872	Rubber Grommet 9φ×15φ	33	S-90934-1	Socket, 16P	51	S-90286	Resistor, 100Ω 1/2W
			34	111-350	Carriage Bolt, Chromed M5×25	52	S-90440	Condenser, 200 MF, 50 W.V. Tubular





Item	Part No.	Description
1	144-051	E. Washer 6 m/m
2	RM-2061	Spacer Post, w/ Tap
3	133-033	Hex. Nut M5
4	144-090	Spring Washer M5 (#2)
5	RM-1025	Spacer Tube
6	RM-3025	7 Shot, Count Disc Stopper
7	166-179	Rivet, Round Head, Aluminum 2.6×12
8	RM-3007	Main Shaft
9	RM-3013	Cam, #4, 5
10	RM-3014	Cam, #6
11	155-062	Roll Pin 3×14
12	RM-3027	7 Shot, Cam, #1, 2
13	S-91020	Rubber Grommet, 5φ×8φ×45
14	S-91342	Switch, Micro Type
15	80443	Sticker, Number, 7
16	80444	Sticker, Number, 8
17	S-90860	Terminal Plate, 1L, 4P
18	111-192	M. Screw, C. H. M3×8
19	133-029	Hex. Nut M3
20	144-088	Spring Washer M3 (#2)
21	RM-4001	Coil Assembly
22	111-192	M. Screw, C. H. M3×8
23	133-029	Hex. Nut M3
24	144-057	Flat Washer M3
25	144-088	Spring Washer M3 (#2)
26	91334	Motor, 100V, 1/50, 50/60 Cycle w/Condenser

Item	Part No.	Description
22	RM-3005	Cam Motor Base
23	RM-3004	Cam Unit Base, B
24	RM-3018	Shim Plate
25	80437	Sticker, Number, 1
26	80438	Sticker, Number, 2
27	80439	Sticker, Number, 3
28	80440	Sticker, Number, 4
29	80441	Sticker, Number, 5
30	80442	Sticker, Number, 6
31	RM-1023	Spacer Post
32	RM-3015	Shot, Count Arm
33	RM-3010	Extension Spring
34	155-066	Roll Pin 2.5×14
35	RM-1026	Spacer Tube
36	111-207	M. Screw, C. H. M4×30
37	133-017	Hex. Nut M4
38	144-076	Spring Washer M4 (#2)
39	144-167	Lock Washer, Ext. M4
40	RM-3016	Shaft
41	RM-3006	Spacer Tube
42	133-040	Hex. Nut M3 (#3)
43	133-080	Push Nut 3 m/m
44	111-198	M. Screw, C. H. M3×16
45	133-040	Hex. Nut M3 (#3)
46	RM-1024	Shaft
47	RM-3017	Compression Spring
48	133-080	Push Nut 3m/m
49	RM-3003	Cam Unit Base, A
50	S-91344	Switch, Micro Type
51	80446	Sticker, Number, 3-1

Item	Part No.	Description
42	80447	Sticker, Number, 6-1
43	111-279	M. Screw, C. H. M3×28
44	133-040	Hex. Nut M3 (#3)
45	144-088	Spring Washer M3 (#2)
46	91322	Plunger Assembly
47	91347	Reverb Unit Assembly
48	RM-4003	Spacer
49	111-199	M. Screw, C. H. M3×18
50	133-029	Hex. Nut M3
51	144-020	Flat Washer, Special 3.6-9.5×0.8
52	144-088	Spring Washer, M3 (#2)
53	91321	Cam Start Coil
54	111-194	M. Screw, C. H. M3×5
55	S-91349	Amplifier "RM" 100V 3W
56	80474	Sticker, Mute Relay
57	S-91346	Relay, Miniature Type 2T
58	S-91314	Rectifier, Silicon Diode
59	S-90439	Condenser, 100 MF, 50W.V. Tubular
60	80423	Sticker, 1 Ampere
61	S-90935-2	Plug, 8P
62	111-288	Carriage Bolt, Chromed M5×32
63	90008	Rubber Bushing
64	144-013	Flat Washer, Special 5.6-12.7×1.2
65	133-082	Wing Nut, w/Single Hole M5

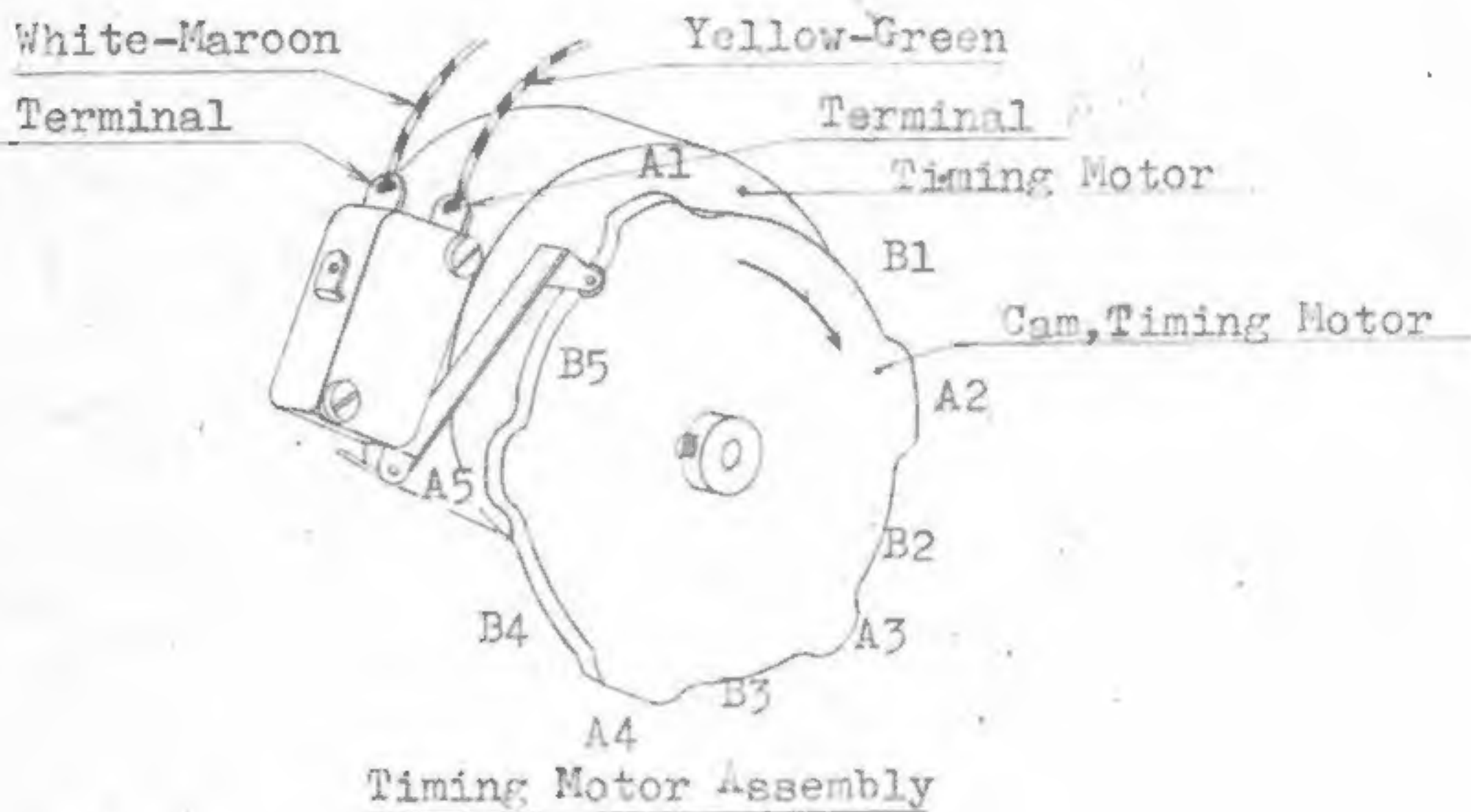






RIFLEMAN  
CONVERSION INSTRUCTIONS  
TO INCREASE DOOR OPENING TIME

To increase door open time reverse micro switch leads.



Operating Time (second)	50 ~	60 ~
Cam		
A1	0.75	0.62
A2	1.04	0.87
A3	0.63	0.52
A4	0.84	0.69
A5	0.58	0.48
B1	3.33	2.78
B2	2.08	1.75
B3	1.67	1.39
B4	1.58	1.32
B5	2.5	2.08